Index of Claims

| Appl | icat | ion/ | Conf | trol | No. |
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|------|------|------|------|------|-----|

10/767,614 Examiner

Thomas D. Lee

Applicant(s)/Patent under Reexamination

OGAWA, HIDEHIKO Art Unit

2624

| √ | Rejected |
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| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
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| _ | Interference |

| A | Appeal   |
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| Cla          | aim      |          | _            |          |  | Dat      | e            |  |              |  |       | Cla      | aim      |               |   |   | Dat          | В         |          |          |          | [    | Cl    | aim          |          |           |          |          | Date     | €        |          |          |          |
|--------------|----------|----------|--------------|----------|--|----------|--------------|--|--------------|--|-------|----------|----------|---------------|---|---|--------------|-----------|----------|----------|----------|------|-------|--------------|----------|-----------|----------|----------|----------|----------|----------|----------|----------|
| l _          | <u></u>  | ٦,       | ြွ           |          |  | 1        |              |  | İ            |  |       |          | ᇤ        |               |   | -   |              |           |          |          |          |      |       | <del>-</del> |          |           |          |          |          |          |          |          |          |
| Final        | Original | 060605   | 091405       |          | 1  |          |              |  |              |  |       | Final    | Original |               |   |   |              |           |          |          |          |      | Final | Original     |          |           |          |          |          |          |          | - 1      |          |
| l iI         | ō        | 8        | 8            |          | 1  | 1        |              |  |              |  |       | 证        | Ö        |               |   |   |              |           |          |          |          |      | ίĽ    | Öri          |          |           |          |          |          |          |          | - 1      | -        |
|              | <u> </u> | <u> </u> |              | _        | ┺  | ╙        | ╙            | lacksquare                                       | ↓_           | ╙  |       |          |          | Ш             | 4   | _   | $\bot$       | Ш         |          | _        | _        |      |       |              | Щ        |           |          |          | Ш        |          | _        | _        | _        |
|              | 1        | 1        | 1            | _        | <u> </u>   | <u> </u> | <u> </u>     | _  | ┞            | _  |       |          | 51       | Ш             | 4   |   | ↓_           | Ш         | $\dashv$ | _        | _        | L    |       | 101          |          | Щ         |          |          | Ш        |          | _        |          |          |
| <u> </u>     | 2        | 1        | 1            | _        | ــ   | _        | 1            | <del> </del> _                                   | ↓_           | L  |       |          | 52       | Ш             | 4   | _   | $\bot$       | Щ         | _        | 4        | _[       |      |       | 102          |          |           | _        |          |          |          | $\dashv$ | _        |          |
|              | 3        | 1        | 1            | <u> </u> | ╄  | -        | -            | -  | $\vdash$     | <u> </u>   |       |          | 53       | <u> </u>      | -   | +   | +            | $\vdash$  | _        | -        |          | -    |       | 103          |          |           | _        |          |          |          | _        | _        | _        |
| <u> </u>     | 4        | 1        | 1            | <u> </u> | ╄  | -        | 1            | ╄  | 1            |  |       |          | 54       | Н             | $\dashv$  | -   | +            | Н         |          | +        | _        | Ļ    |       | 104          |          | $\dashv$  | _        |          | $\dashv$ |          | _        | _        | _        |
|              | 5        | 1        | 1            | ┝        | ⊢  | $\vdash$ | ₽            | -  | ļ            | -  | 1     | _        | 55       | Н             | $\dashv$  | -   |              | $\vdash$  | $\dashv$ | -        |          | ŀ    |       | 105          | _        |           | _        |          | $\dashv$ |          | _        | _        |          |
| <del> </del> | 6<br>7   | 1        | 1            | -        | ╀  | ⊢        | ╁            | ╁  | +            | H  |       | _        | 56<br>57 | $\dashv$      | -   | +   | +            | $\vdash$  | -        | -+       | :        | -    |       | 106          |          | $\dashv$  | _        |          | $\dashv$ |          | -        |          | _        |
|              | 8        | V        | V            | ⊢        | ┢  | -        | ⊢            | ╁  | $\vdash$     | -  |       |          | 58       | $\vdash$      | +   | +   | +            | Н         | $\dashv$ | +        | -        | ŀ    |       | 107          | -        | $\dashv$  | -        | Н        | $\dashv$ | _        | -        | $\dashv$ |          |
|              | 9        | V        | 1            | ┝        | ╌  | ├        | ⊢            | ┢  | $\vdash$     | ├-   |       |          | 59       | $\vdash$      | -   | +   | +            | -         | -        | $\dashv$ | -        | ŀ    |       | 108          | -        | $\dashv$  | $\dashv$ |          | $\dashv$ | $\vdash$ | $\dashv$ |          | $\dashv$ |
|              | 10       | V        | 1            | ⊢        | ╁  | ┢        | ╁            | ╁  | ╁            | ┢  |       |          | 60       | Н             | -   | +   | +            | $\vdash$  | $\dashv$ | $\dashv$ | -        | ŀ    |       | 109<br>110   | _        |           | $\dashv$ | _        |          | _        | $\dashv$ | $\dashv$ |          |
|              | 11       | V        | 1            | $\vdash$ | $\vdash$   | $\vdash$ | $\vdash$     | +-   | +            | $\vdash$   |       | _        | 61       | $\vdash$      | $\dashv$  | +-  | +            |           | $\dashv$ | $\dashv$ | :        | ŀ    |       | 111          | $\dashv$ |           | -        | -        | $\dashv$ |          |          | $\dashv$ | ᅱ        |
| $\vdash$     | 12       | Ť        | <u> </u>     |          | $\vdash$   | $\vdash$ | +            | $\vdash$   | $\vdash$     | $\vdash$   |       | $\vdash$ | 62       | ┥             | $\dashv$  | ┰   | +            | Н         | $\dashv$ | -+       |          | ŀ    |       | 112          |          | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | $\vdash$ |          |          | $\dashv$ |
|              | 13       |          |              | _        | <del>                                     </del> | $t^-$    | 1            | 1  | $\vdash$     | $\vdash$   |       |          | 63       | $\vdash$      | 十   | $\dashv$  | +            | H         | $\dashv$ | $\dashv$ | -        | ŀ    |       | 113          |          | -         | -        | $\dashv$ | $\dashv$ | $\vdash$ | $\dashv$ |          | $\dashv$ |
|              | 14       |          |              | _        | 1  | t        | 1            | $\vdash$   | t            |  |       |          | 64       | $\vdash$      | $\dashv$  | $\dashv$  | +            | $\vdash$  | $\dashv$ | $\dashv$ | $\dashv$ | ŀ    |       | 114          |          |           | -        | -        | $\dashv$ | $\vdash$ | -        |          | $\dashv$ |
|              | 15       | Г        | П            |          |  |          |              |  | T            | Т  |       |          | 65       | $\Box$        | 十   | +   | T            | H         | _        | 寸        | -        | ŀ    |       | 115          |          |           | $\dashv$ |          | $\dashv$ |          | _        |          | $\dashv$ |
|              | 16       | П        |              |          |  | T        |              | 1  | T            | T-   |       |          | 66       |               | 十   | $\top$  | $\top$       | $\Box$    |          | 寸        | _        | ŀ    |       | 116          |          | $\neg$    |          |          | $\dashv$ | $\dashv$ | $\dashv$ | _        | $\dashv$ |
|              | 17       |          |              |          |  |          |              |  |              |  |       |          | 67       |               | $\dashv$  | 7   | Τ            | П         | $\dashv$ | T        |          | ı    |       | 117          |          |           |          |          | $\dashv$ |          | _        | 寸        | $\neg$   |
|              | 18       |          |              |          |  |          |              |  | П            |  |       |          | 68       |               | T   | T   |              |           |          | T        | $\neg$   |      |       | 118          |          |           |          |          |          |          |          |          |          |
|              | 19       |          |              |          |  |          |              | Г  | Г            |  |       |          | 69       |               |   |   |              |           | $\neg$   | ╗        |          | -    |       | 119          |          |           |          |          | 一        |          | コ        |          |          |
|              | 20       |          |              |          | L.   |          |              |  |              |  |       |          | 70       |               |   |   |              |           |          |          |          | ıſ   |       | 120          |          |           |          |          | П        |          | ヿ        |          | ヿ        |
|              | 21       |          |              |          |  |          |              |  |              |  |       |          | 71       |               |   |   |              |           |          |          |          |      |       | 121          |          |           |          |          |          |          |          | T        |          |
|              | 22       |          |              |          | ┖  | L        | L            | _  | ┖            | L  |       |          | 72       |               |   | $\perp$   |              |           |          | $\perp$  |          |      |       | 122          |          |           |          |          |          |          |          |          |          |
|              | 23       | _        |              |          | <u> </u>   | L        | <u> </u>     | ┖  | ╙            | <u> </u>   |       |          | 73       | $\rightarrow$ | 4   | _   | ┸            |           | _        | 4        | _        | L    | 1     | 123          | $\Box$   | _         |          |          |          |          |          |          |          |
|              | 24       | <u> </u> | $\vdash$     |          | ļ  | L        | <u> </u>     | <u> </u>   | ╄            | _  |       |          | 74       | $\dashv$      | $\dashv$  | _   | 4_           |           | _        | 4        | 4        | L    |       | 124          | _        |           | _        | $\Box$   |          |          | _        | _        | _        |
|              | 25       | ├_       | _            |          | ⊢  | ⊢        | L            | ⊢  | ├-           | _  |       |          | 75       |               | _   | _   | -            | $\square$ | -        | $\perp$  | 4        | -    |       | 125          | _        |           | _        | _        |          | 4        | 4        | _        | _        |
|              | 26<br>27 | ├-       | -            | _        | ⊢  | <u> </u> | ┢            | ⊢  | ├            | -  |       |          | 76       | -             | -   | +   | ╄            |           |          | $\dashv$ | -        | -    |       | 126          | -        | -         |          | $\dashv$ | _        |          | 4        |          |          |
| <del> </del> | 28       | -        | <del> </del> | _        | ⊢  | ┢        | ┢            | ₩  | ╁            | ┢  |       |          | 77<br>78 |               | -   | +   | ┰            | -         | -        | +        | -        | -    | -     | 127          | $\dashv$ | -         |          | -        | $\dashv$ | $\dashv$ |          | -        | ᅱ        |
| <u> </u>     | 29       | $\vdash$ | Н            |          | ╁  | $\vdash$ | ┢            | -  | ╁            | -  |       |          | 79       | $\dashv$      | +   | +-  | +-           | $\dashv$  | $\dashv$ | +        | -        | ŀ    | _     | 128<br>129   | $\dashv$ | $\dashv$  | -        | $\dashv$ | $\dashv$ | $\dashv$ |          | -+       | $\dashv$ |
| -            | 30       | -        | Н            | _        | ╁  | H        | H            | H  | ┢            | -  |       |          | 80       | $\dashv$      | -   | +   | +            | $\dashv$  | -+       | +        | - :      | -    |       | 130          | $\dashv$ | +         |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
| <u> </u>     | 31       | $\vdash$ | Н            |          | $\vdash$   |          | ╁            | ┢  | ╁            | ┢  |       |          | 81       | $\dashv$      | +   | +   | ╅─           | $\dashv$  | $\dashv$ | +        | $\dashv$ | -    |       | 131          | $\dashv$ | $\dashv$  | $\dashv$ |          | $\dashv$ | $\dashv$ |          | $\dashv$ | $\dashv$ |
|              | 32       |          | Н            |          | $\vdash$   | $\vdash$ | <del> </del> | <del>                                     </del> | $t^{-}$      | <del>                                     </del> |       |          | 82       | $\dashv$      | 十   | +   | +            | ┰         | $\dashv$ | $\dashv$ | $\dashv$ | ŀ    | -     | 132          | $\dashv$ | $\dashv$  | -        | $\dashv$ | +        | -        | $\dashv$ | $\dashv$ | ᅱ        |
|              | 33       |          | П            |          |  | <u> </u> | t            | 厂  | T            | $\vdash$   |       |          | 83       | $\dashv$      | $\dashv$  | $\top$  | +            |           | $\dashv$ | $\dashv$ | -        | ŀ    | -     | 133          | $\dashv$ | -         | -        | $\dashv$ | $\dashv$ |          | $\dashv$ | 一        | $\dashv$ |
|              | 34       |          | М            |          |  |          | T            | Г  | T            | _  |       |          | 84       | $\dashv$      | 十   | $\top$  | T            | Н         | 十        | 十        | -        | ŀ    |       | 134          | $\neg$   | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | _        | $\dashv$ | $\dashv$ |
|              | 35       |          |              |          | Π  | П        |              |  | Г            |  |       |          | 85       |               | 十   | 1   | $\top$       | $\Box$    | _†       | $\dashv$ | -        | ŀ    |       | 135          | $\dashv$ | $\dashv$  | 7        | $\dashv$ | ヿ        | $\dashv$ | 一        | _        | $\dashv$ |
|              | 36       |          |              |          | Г  |          |              | Τ  |              |  |       |          | 86       |               | 7   | 十   | $\top$       | П         | $\neg$   | $\neg$   | 7        | ŀ    |       | 136          | $\dashv$ | _         | ᅥ        | $\neg$   | ヿ        | $\dashv$ | _        | 寸        | $\dashv$ |
|              | 37       |          |              |          |  |          |              |  |              |  |       |          | 87       |               | ╗   |   |              |           |          | $\top$   | 7        | ľ    |       | 137          |          | $\dashv$  | ┪        | $\neg$   | $\neg$   | 一        | $\dashv$ | $\neg$   | $\neg$   |
|              | 38       |          |              |          |  |          |              |  |              |  |       |          | 88       |               | 丁   |   |              |           |          |          |          | ı    |       | 138          |          | $\exists$ | _        |          |          |          |          | $\Box$ † | $\Box$   |
|              | 39       |          |              |          |  |          |              |  |              |  |       |          | 89       |               | $\Box$  | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |              |           |          |          |          |      |       | 139          |          |           |          |          |          |          |          |          |          |
|              | 40       |          |              |          |  |          |              |  |              | 匚  |       |          | 90       |               | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | $\perp$   |              |           | $\Box$   | $\Box$   | _]       |      |       | 140          |          | $\Box$    |          |          |          |          |          |          |          |
| L            | 41       | Ш        | Ш            |          | L_   | <u> </u> | Ш            | $oxed{oxed}$                                     | <u> </u>     | _  |       |          | 91       |               |   | $\perp$   |              |           | $\bot$   | $\bot$   | _        |      |       | 141          | $\Box$   | $\Box$    |          |          |          |          |          |          | $\Box$   |
|              | 42       | _        | Ш            |          | <u> </u>   | _        | _            | <u> </u>   | L            | _  |       |          | 92       | $\dashv$      | $\perp$   | $\perp$   | 1_           |           | _        | 4        | _        | iiL  |       | 142          |          | $\perp$   | _        | ļ        |          | _]       | $\perp$  | $\perp$  | $\Box$   |
|              | 43       |          | Ш            |          | <u> </u>   | <u> </u> | <b> </b>     | <del> </del>                                     | ┡            | oxdot  |       |          | 93       | 4             | $\perp$   | $\bot$  | -            | $\Box$    |          | $\bot$   | _        | ii.  |       | 143          |          | _         | _        |          | $\Box$   |          | _        |          | $\Box$   |
|              | 44       | _        | Н            | _        | <u> </u>   | -        | ├-           | <del> </del>                                     | $\vdash$     | Ь.   |       |          | 94       | $\dashv$      | +   | +   | <del> </del> | L         |          | $\dashv$ | 4        | ŀ    |       | 144          | 4        | _         | _        |          | $\dashv$ | _        | _        | _        | 4        |
| <b>—</b>     | 45       |          | Н            |          | ├_   |          | $\vdash$     | $\vdash$   | $\vdash$     | $\vdash$   |       | -        | 95       | _             |   | +   | -            | $\sqcup$  | 4        | _        | -        | -    |       | 145          |          |           | _        | _        | _        |          | _        | _        | _        |
| <del></del>  | 46<br>47 | $\vdash$ | $\vdash$     |          | ├-   | $\vdash$ | $\vdash$     | $\vdash$   | ├-           | -  |       |          | 96       | -             | +   | +   | +            | $\vdash$  | -        |          | -        | ⊪    |       | 146          |          |           | -        | _        | $\dashv$ | -        | _        | _        |          |
|              | 48       | ļ;       |              |          | $\vdash$   | $\vdash$ | $\vdash$     | ├-   | -            |  |       |          | 97<br>98 |               | +   | +   | +            |           | +        | +        | -        | ⊪    | _     | 147          |          | -         | 4        |          | $\dashv$ |          |          | $\dashv$ | $\dashv$ |
| -            | 49       | -        | $\vdash$     | _        | $\vdash$   | $\vdash$ | $\vdash$     | -  | <del> </del> | -  |       |          | 98       | -+            | +   | +   | +            |           | $\dashv$ | +        | -        | ⊪    |       | 148          |          | -         | 4        | $\dashv$ |          |          | -        | $\dashv$ | $\dashv$ |
|              | 50       | $\vdash$ | $\dashv$     | _        | $\vdash$   | $\vdash$ | $\vdash$     | -  | -            |  |       |          | 100      | }             | +   | +   | ╁            | $\dashv$  | +        | +        | - ∷      | ╟    |       | 149          | $\dashv$ | $\dashv$  | 4        |          | -        |          | -        | -        | $\dashv$ |
| لــــا       | 30       |          | Щ.           |          |  |          |              | <u> </u>   | L            | L  | ::::: |          | 100      |               |   |   | L            |           | 1        |          | ::       | ٠::L |       | 150          |          | _ [       |          | - 1      | - 1      | - 1      | - 1      | - 1      | - 1      |